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TITLE: DATA COMMUNICATION SYSTEM, DATA COMMUNICATION METHOD,
AND DATA COMMUNICATION APPARATUS

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JP	10-119727	1998JP-10-119727	April 28, 1998

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ABSTRACT:

A communication system and a communication protocol are implemented by
connecting the source node and one or more destination nodes logically, and

controlling the data communication between each of the nodes by use of the
connection ID whereby to identify such logical connection relationship. Also, for the data communication using the logical connection relationship, a
communication system and a communication protocol are implemented by setting
optimally the size of each packet transferred by the source node sequentially
and the size of the reception buffer of each destination node even when the
reception capability of each of the destination nodes is different.

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Detail Description Paragraph - DETX (199):
[0319] The 64-bit data having combined the node_vender_id, chip_id_hi, chip_id_lo held by each of the nods is called the world wide unique ID or EUI-64 (Extended Unique Identifier, 64 bits), which is inherent to such node.
Therefore, there is no other node having the same EUI-64 in one communication
system. In accordance with the present embodiment, each of the connections is
identified by the combination of the EUI-64 and the connection_ID. Hereinafter, the data used for identifying the connection is called the connection identifier data.